

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
 Data File : BF096223.D
 Acq On : 27 Jun 2017 18:30
 Operator : SJ/MA
 Sample : I3868-07 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062217-C

Manual Integrations
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Quant Time: Jun 27 19:20:44 2017
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	189702	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	779828	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	301083	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	399616	20.00	ng	0.00
75) Chrysene-d12	13.92	240	330194	20.00	ng	0.00
86) Perylene-d12	15.34	264	270240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	314352	23.87	ng	0.00
7) Phenol-d6	6.40	99	389788	24.45	ng	0.00
23) Nitrobenzene-d5	7.33	82	198227	17.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	46543	19.64	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	352853	21.46	ng	-0.02
78) Terphenyl-d14	12.87	244	185430	14.01	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	92063	4.273	ng	99
74) Fluoranthene	12.50	202	49931	2.249	ng	97
77) Pyrene	12.72	202	56617	2.086	ng	96
87) Benzo(b)fluoranthene	14.93	252	42789m	2.410	ng	
89) Benzo(a)pyrene	15.28	252	33350	2.127	ng	# 86
91) Benzo(g,h,i)perylene	17.14	276	26949	2.112	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

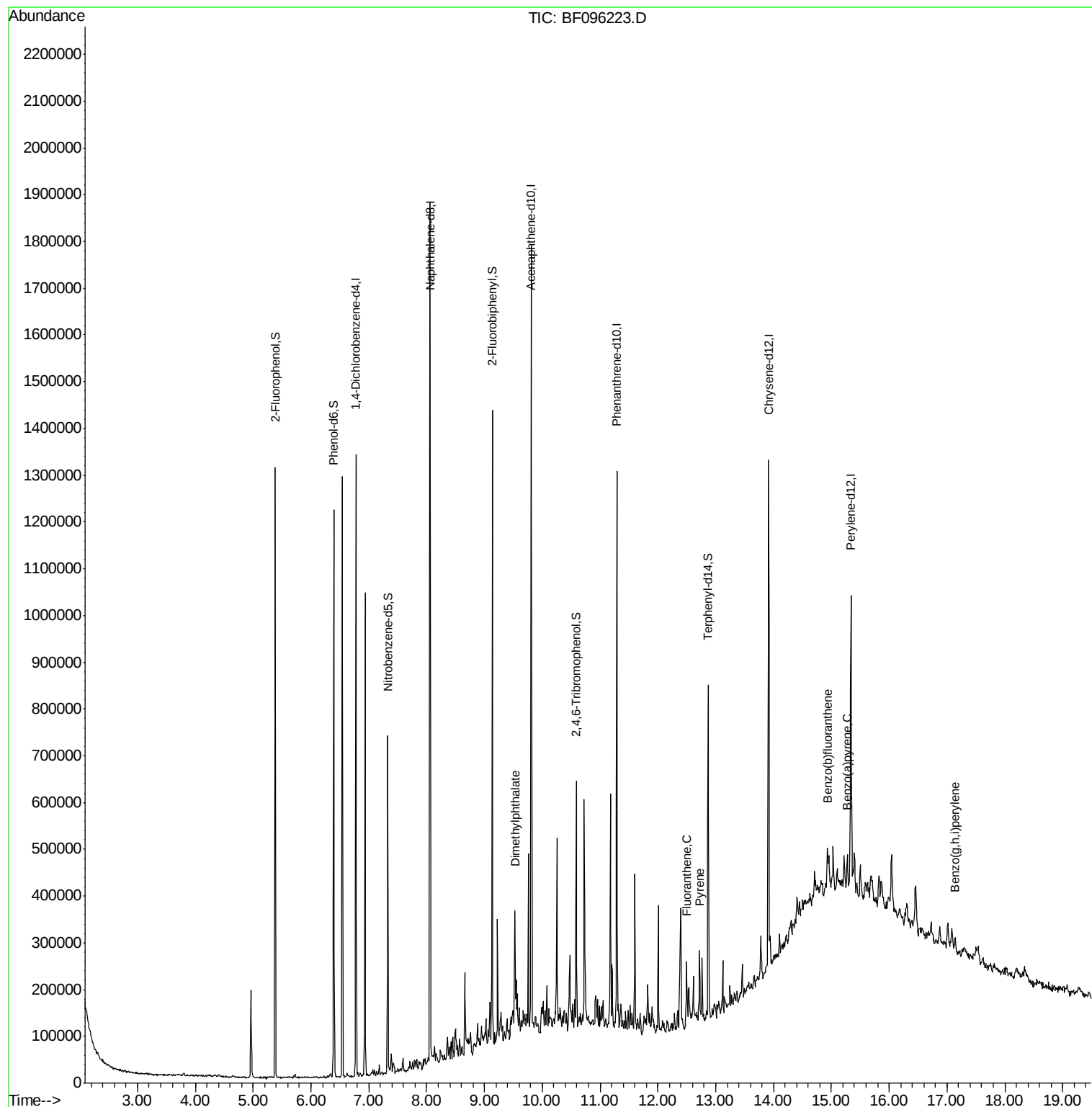
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096223.D
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Operator : SJ/MA
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ALS Vial : 7 Sample Multiplier: 1

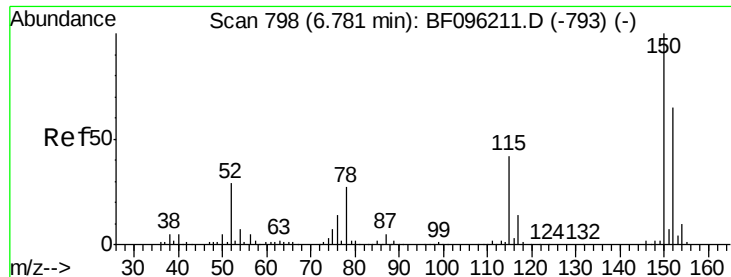
Instrument :
BNA_F
ClientSampleId :
CL-01-062217-C

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Quant Time: Jun 27 19:20:44 2017
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

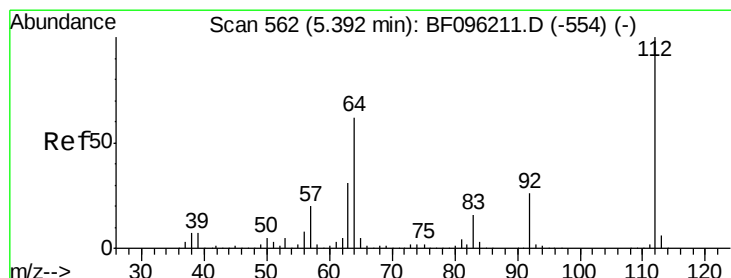
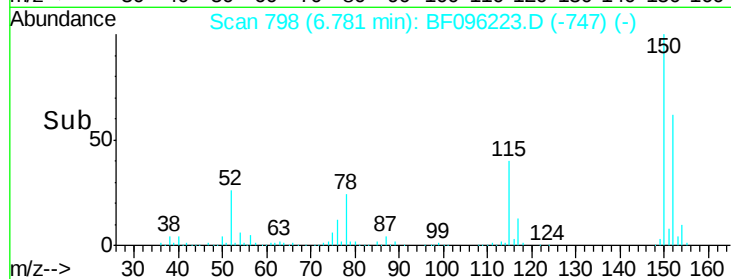
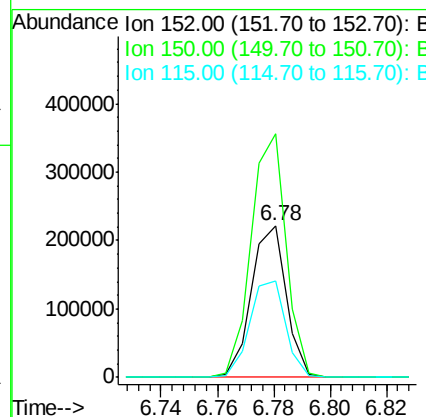
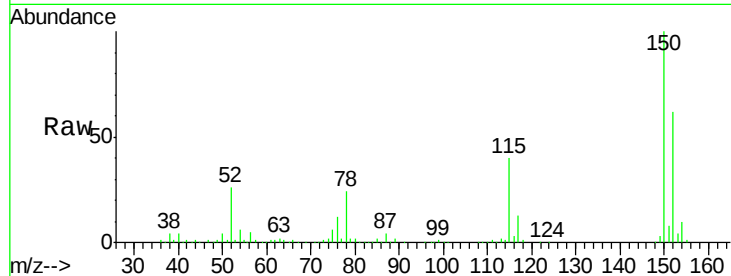
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096223.D
Acq: 27 Jun 2017 18:30

Instrument :
BNA_F
ClientSampleId :
CL-01-062217-C

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	189702		
150	160.7	126.2	189.2	
115	63.7	52.2	78.2	

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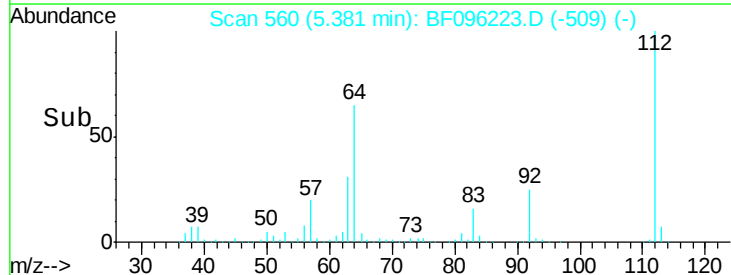
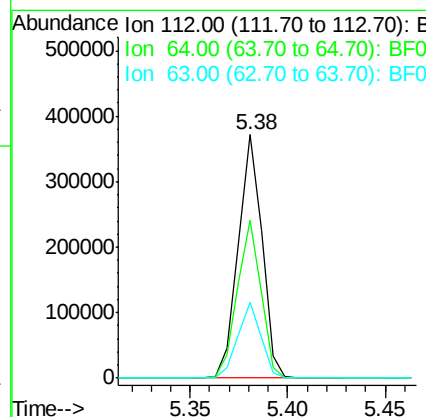
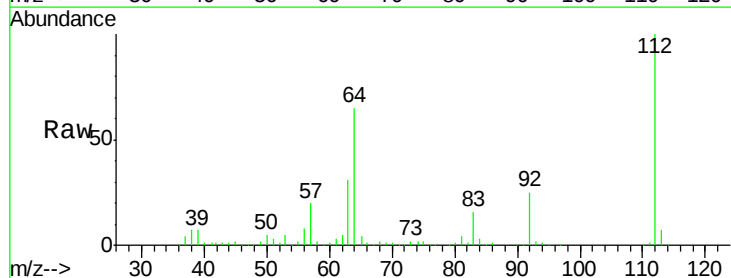
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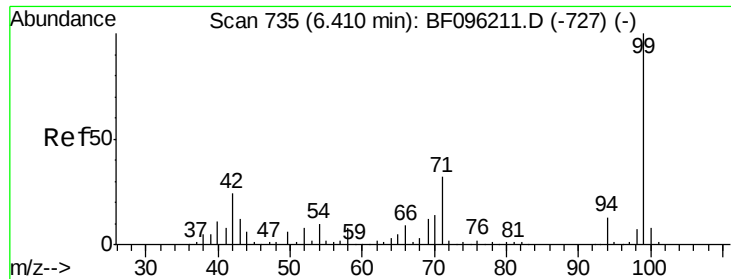


#5

2-Fluorophenol
Concen: 23.873 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096223.D
Acq: 27 Jun 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	314352		
64	64.8	46.0	69.0	
63	31.4	23.4	35.0	





#7

Phenol-d6

Concen: 24.447 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096223.D

Acq: 27 Jun 2017 18:30

Instrument :

BNA_F

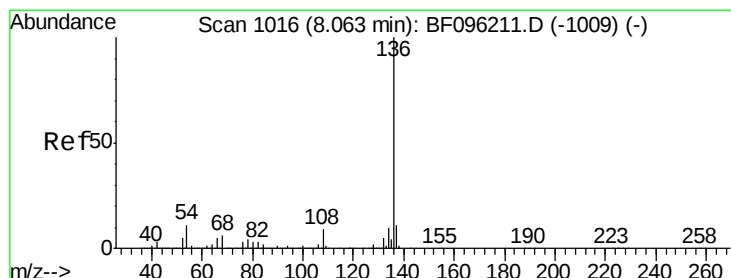
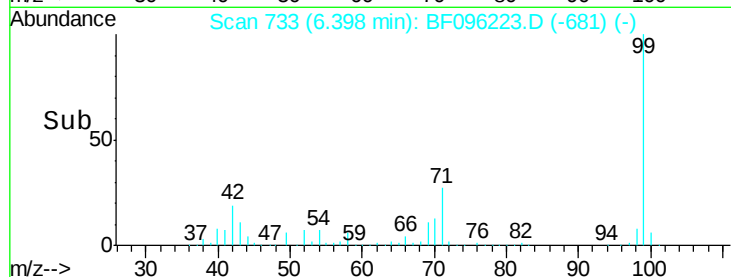
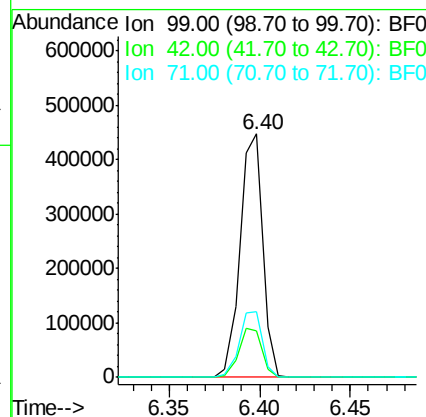
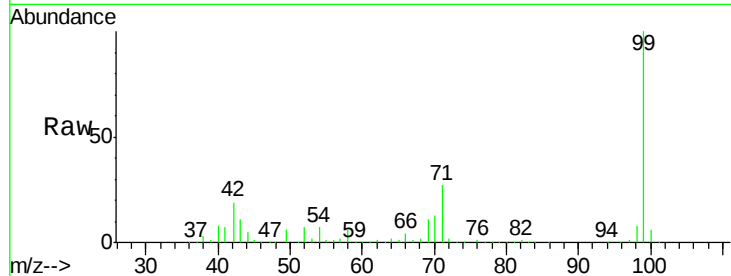
ClientSampleId :

CL-01-062217-C

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		389788		
42	19.3	13.5	20.3		
71	26.9	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

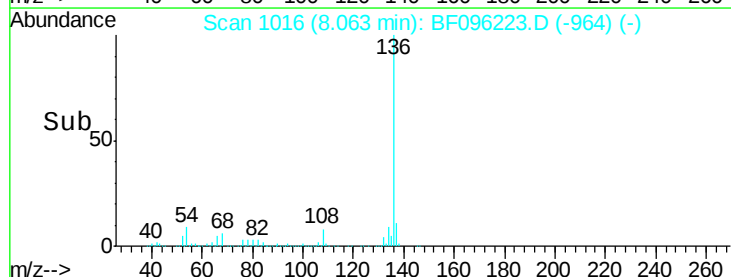
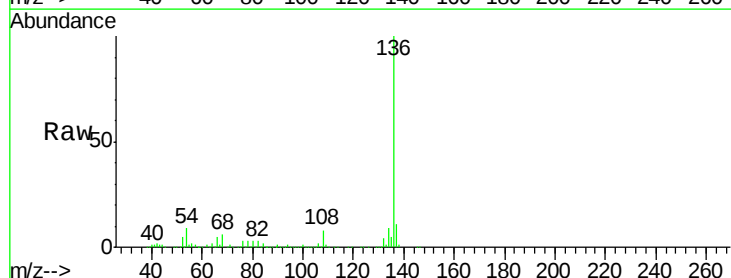
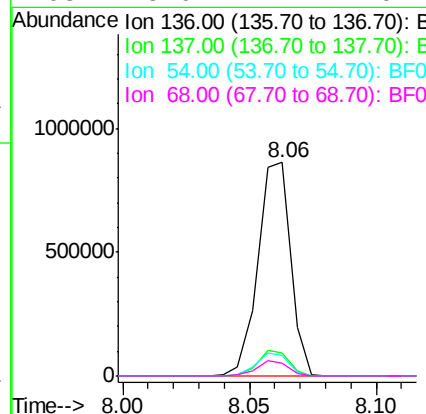
RT: 8.06 min Scan# 1016

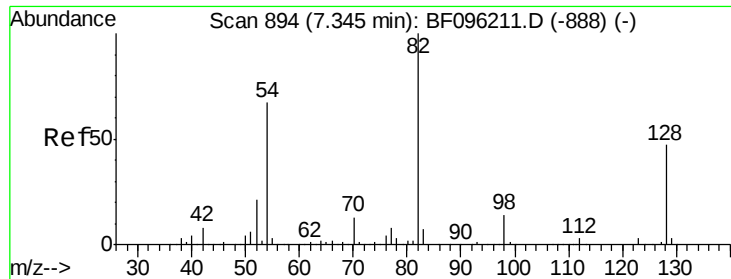
Delta R.T. 0.01 min

Lab File: BF096223.D

Acq: 27 Jun 2017 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		779828		
137	10.7	8.5	12.7		
54	9.4	4.9	7.3#		
68	5.9	4.1	6.1		





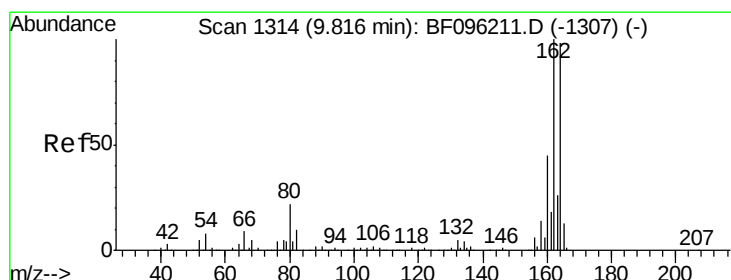
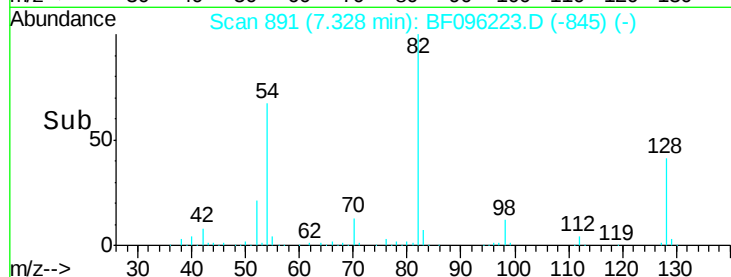
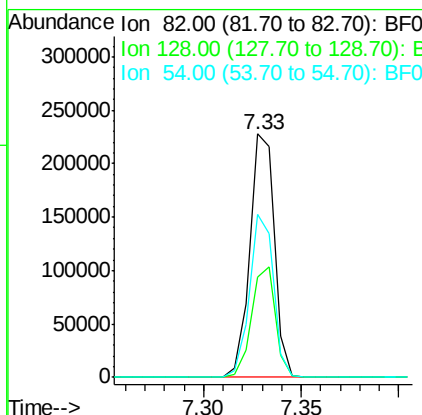
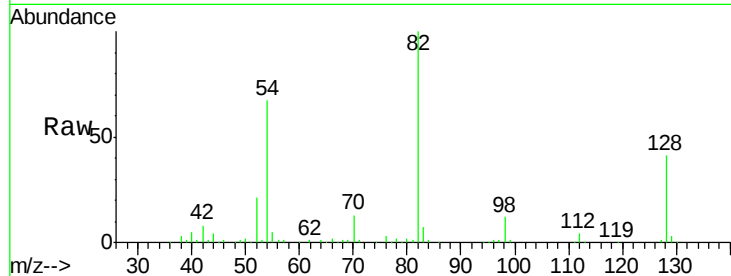
#23
 Nitrobenzene-d5
 Concen: 17.597 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.03 min
 Lab File: BF096223.D
 Acq: 27 Jun 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	198227		
128	41.3	34.0	51.0	
54	67.0	42.2	63.2	

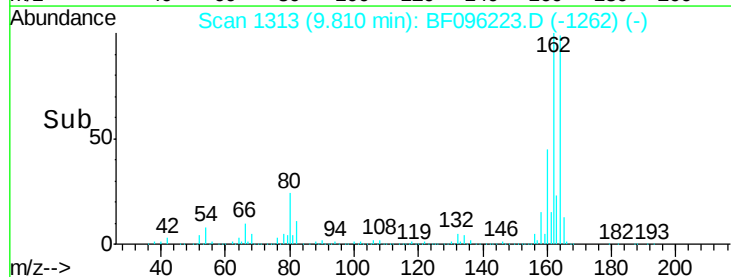
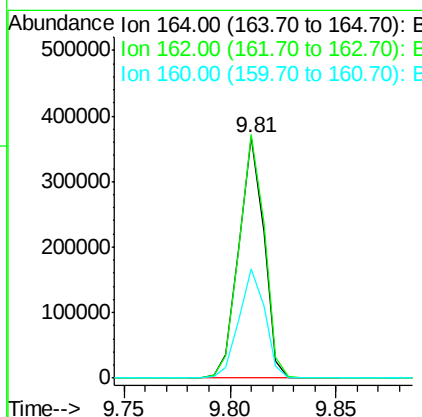
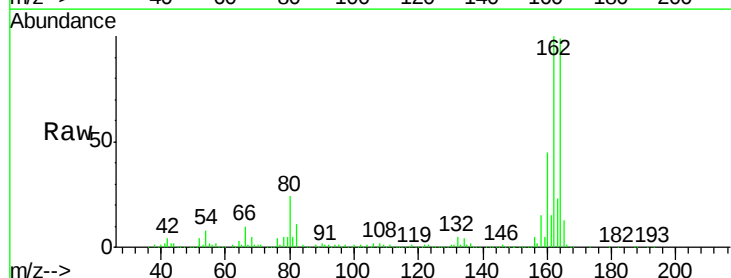
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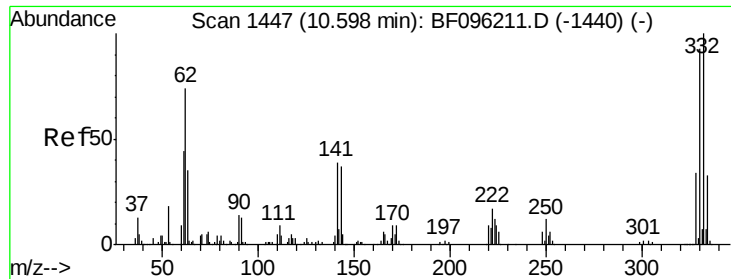
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF096223.D
 Acq: 27 Jun 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	301083		
162	101.1	82.6	123.8	
160	45.5	36.2	54.2	





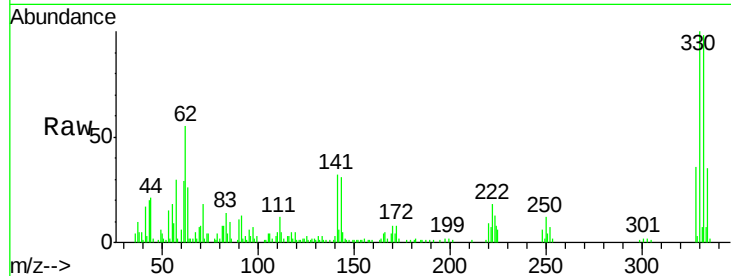
#41
 2,4,6-Tribromophenol
 Concen: 19.643 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096223.D
 Acq: 27 Jun 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062217-C

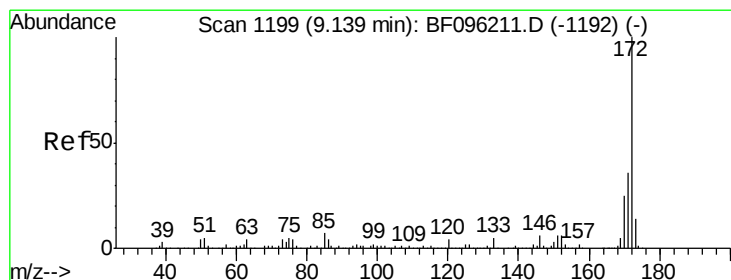
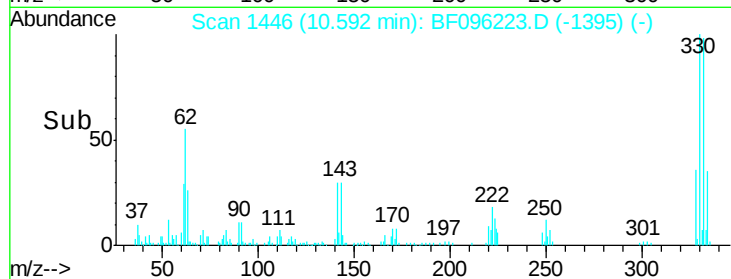
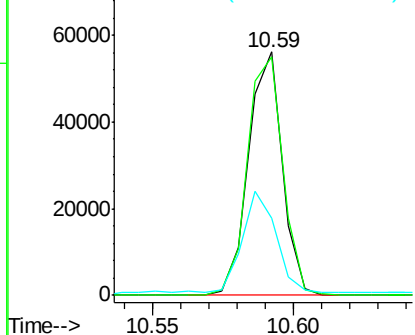
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	46543		
332	103.0	76.6	115.0	
141	43.7	31.4	47.2	

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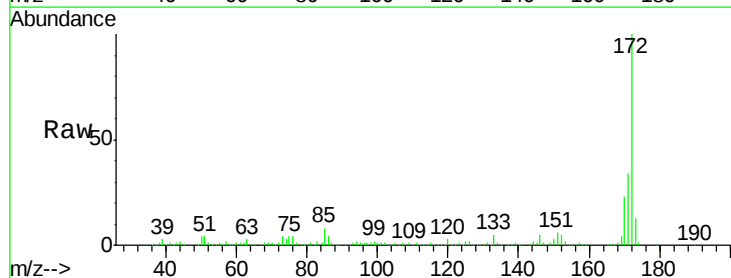


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

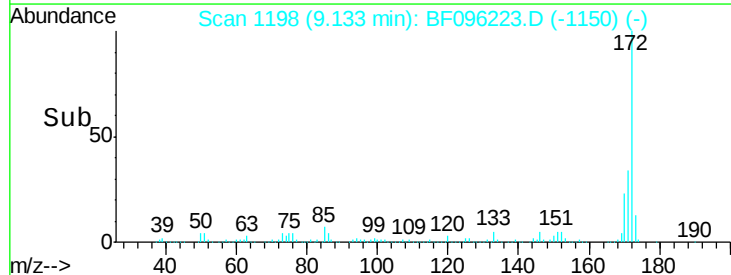
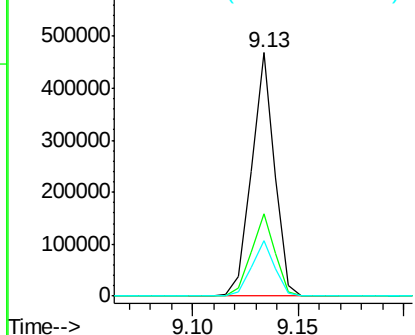


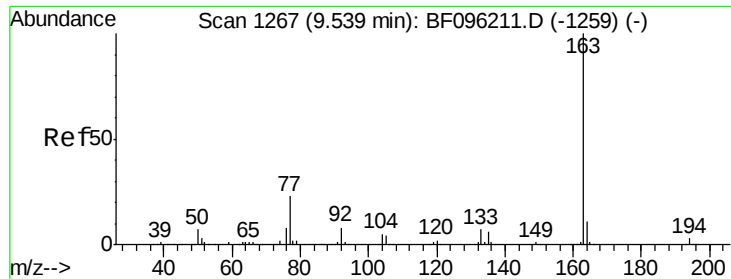
#44
 2-Fluorobiphenyl
 Concen: 21.463 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096223.D
 Acq: 27 Jun 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	352853		
171	33.8	29.6	44.4	
170	22.7	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





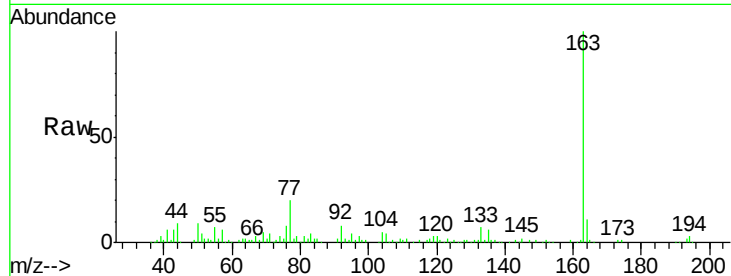
#49
Dimethylphthalate
Concen: 4.273 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096223.D
Acq: 27 Jun 2017 18:30

Instrument :
BNA_F
ClientSampleId :
CL-01-062217-C

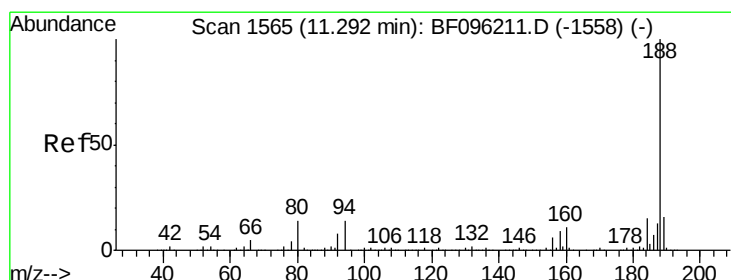
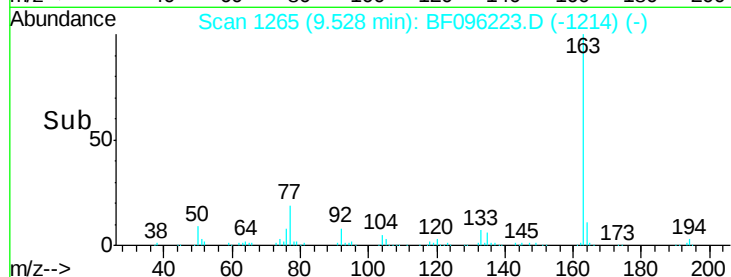
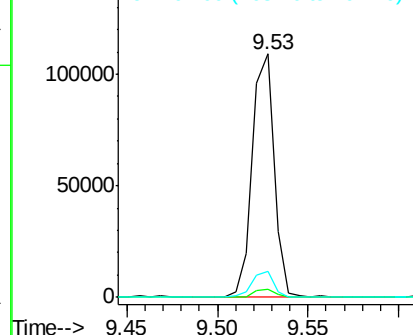
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	92063		
194	3.5		2.6	4.0
164	10.9		8.4	12.6

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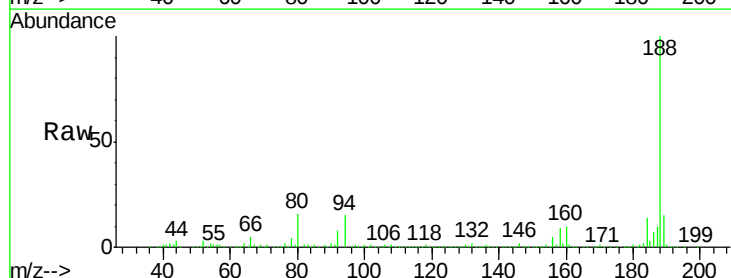


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

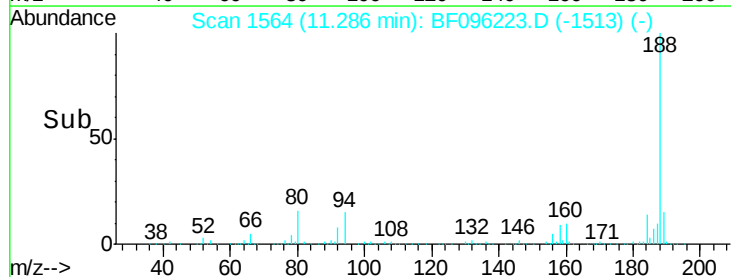
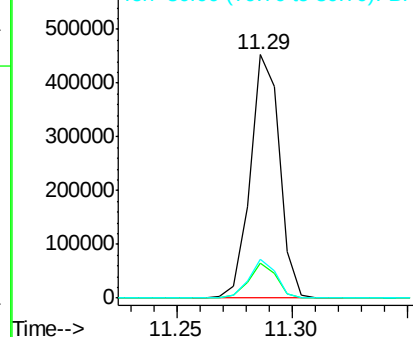


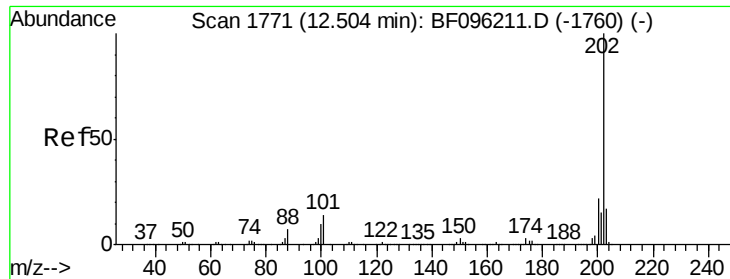
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096223.D
Acq: 27 Jun 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	399616		
94	14.5		9.4	14.2#
80	15.8		10.2	15.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.249 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF096223.D

Acq: 27 Jun 2017 18:30

Instrument :

BNA_F

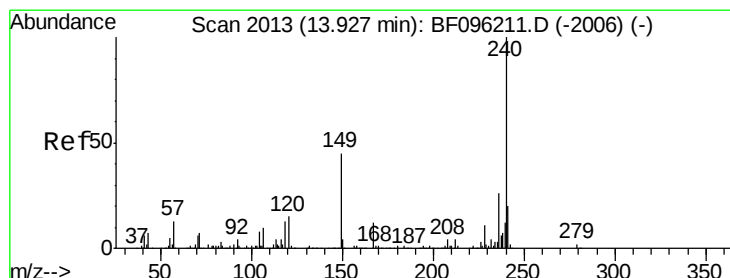
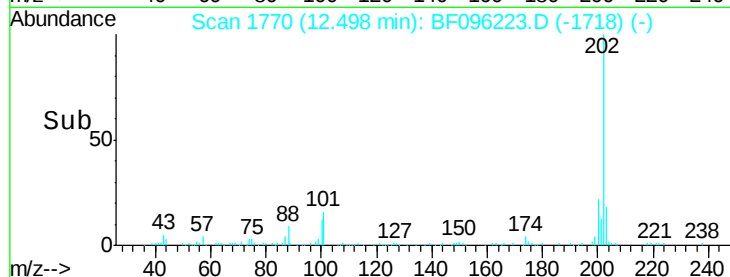
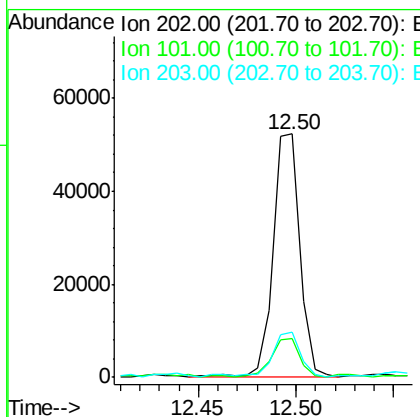
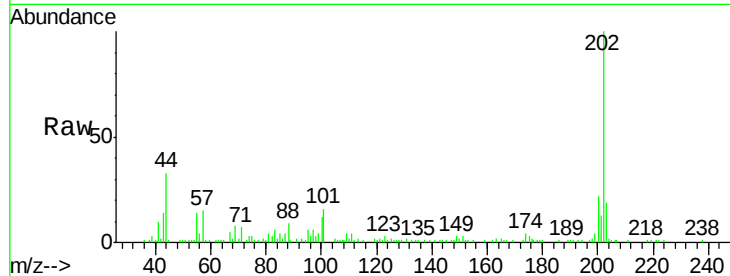
ClientSampleId :

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Tgt Ion:	202	Resp:	49931
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	33.2
203	18.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

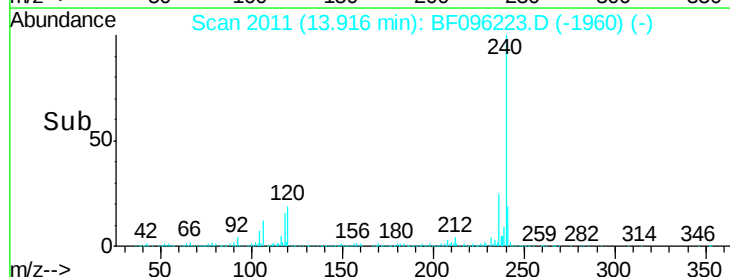
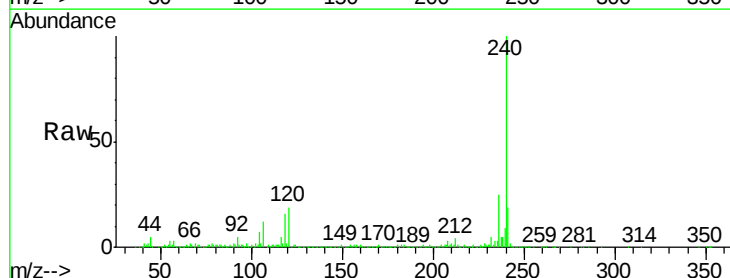
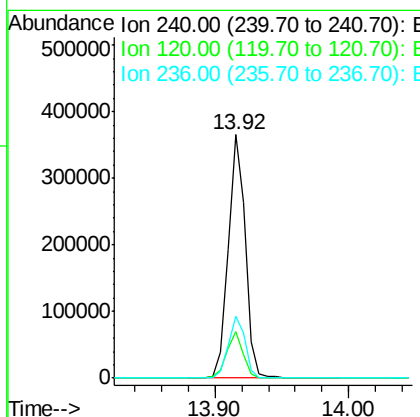
RT: 13.92 min Scan# 2011

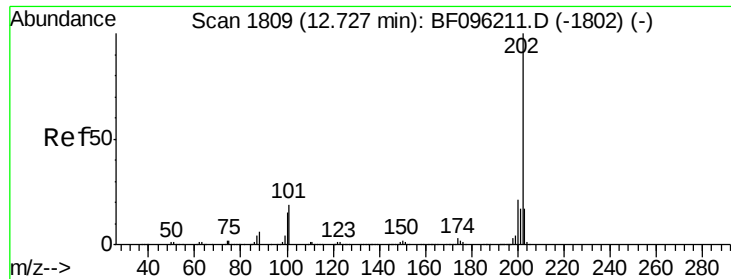
Delta R.T. -0.00 min

Lab File: BF096223.D

Acq: 27 Jun 2017 18:30

Tgt Ion:	240	Resp:	330194
Ion Ratio	Lower	Upper	
240	100		
120	19.3	5.8	8.8#
236	25.4	20.5	30.7





#77

Pyrene

Concen: 2.086 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF096223.D

Acq: 27 Jun 2017 18:30

Instrument :

BNA_F

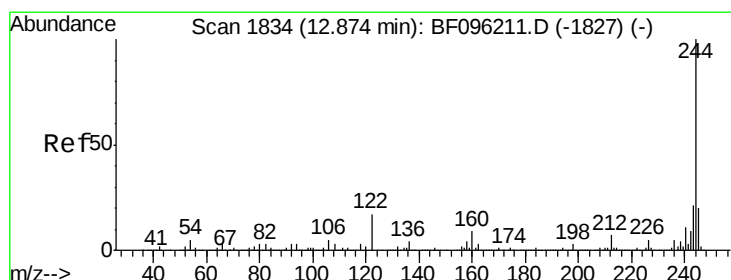
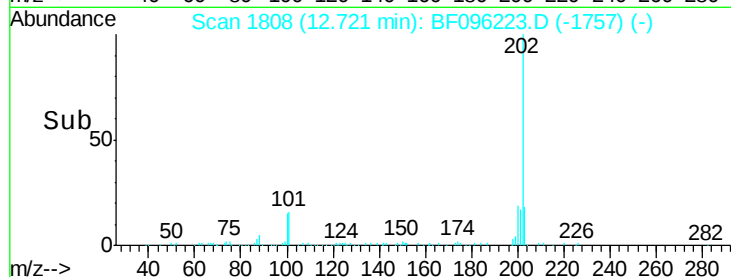
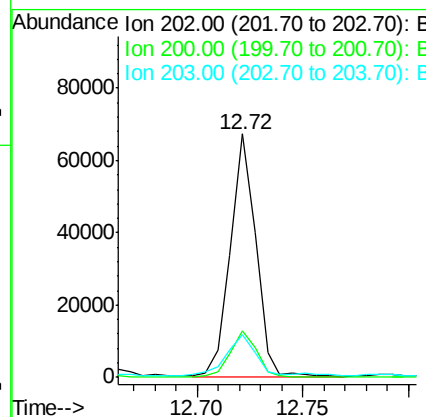
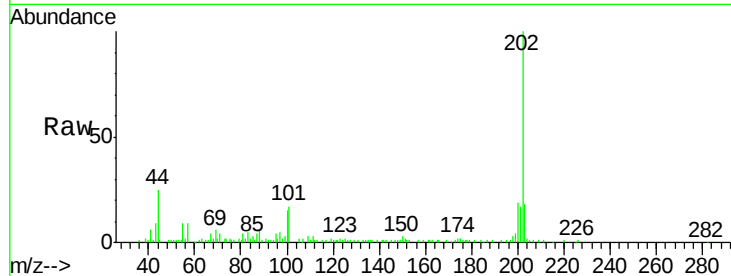
ClientSampleId :

CL-01-062217-C

Tgt Ion:	202	Resp:	56617
Ion Ratio	Lower	Upper	
202	100		
200	19.3	17.6	26.4
203	17.6	14.4	21.6

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#78

Terphenyl-d14

Concen: 14.013 ng

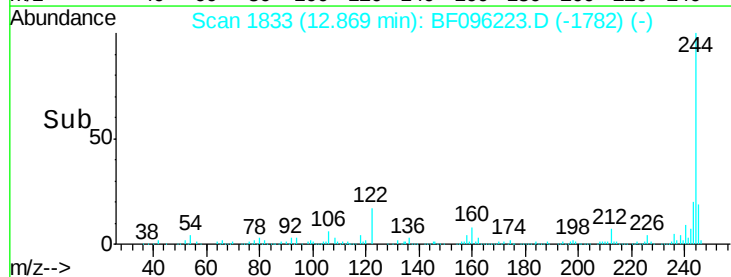
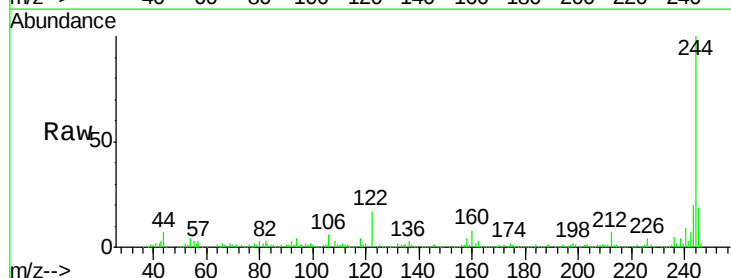
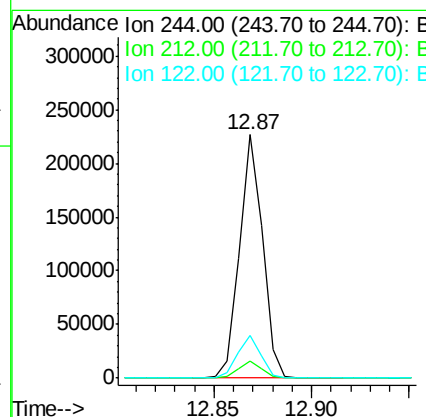
RT: 12.87 min Scan# 1833

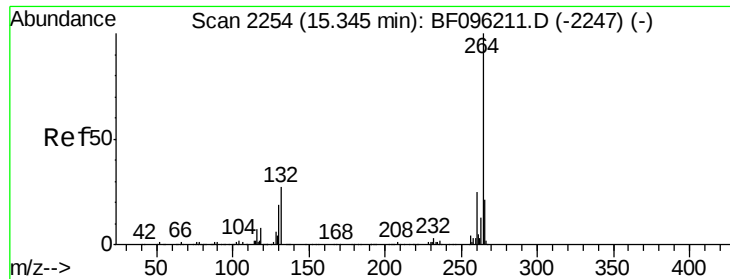
Delta R.T. -0.00 min

Lab File: BF096223.D

Acq: 27 Jun 2017 18:30

Tgt Ion:	244	Resp:	185430
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	17.4	10.3	15.5#





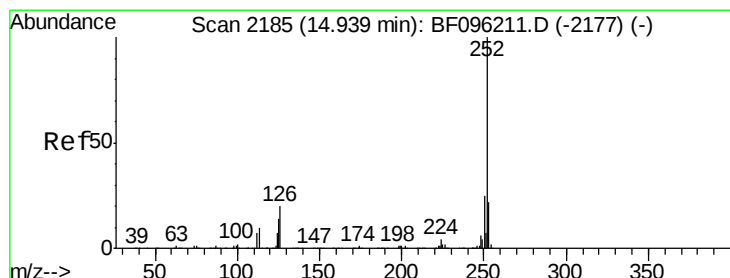
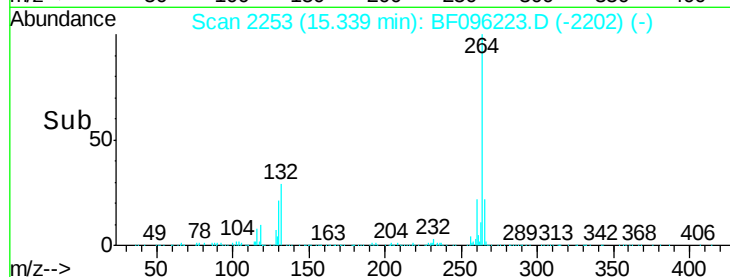
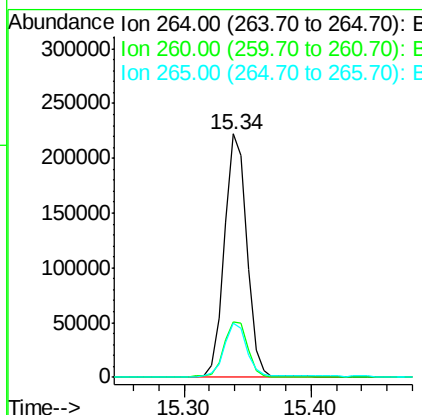
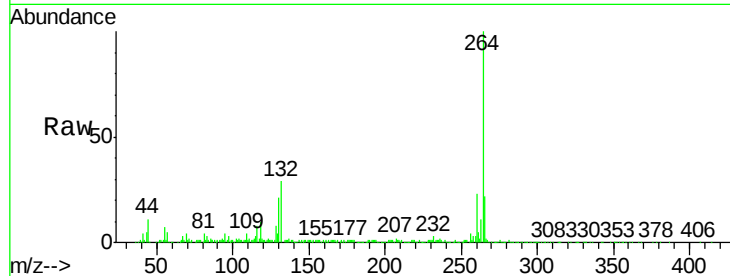
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BF096223.D
Acq: 27 Jun 2017 18:30

Instrument :
BNA_F
ClientSampleId :
CL-01-062217-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	22.0	17.2	25.8

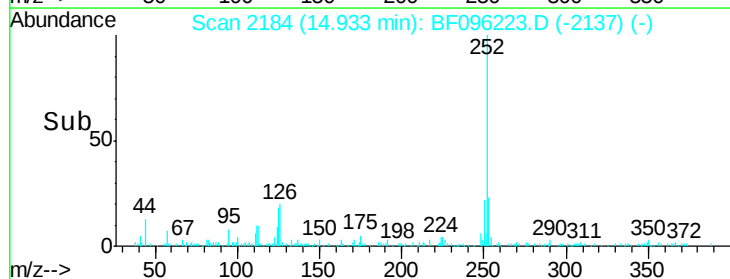
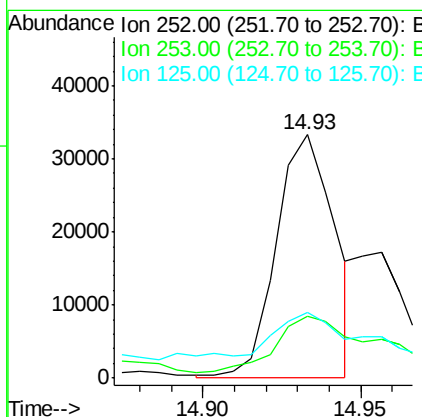
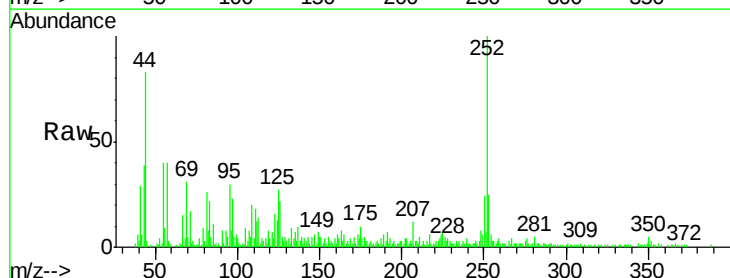
Manual Integrations
APPROVED

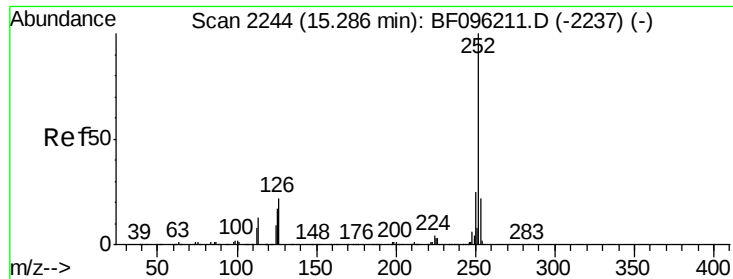
mohammad
6/30/2017 12:46:31 PM



#87
Benzo(b)fluoranthene
Concen: 2.410 ng m
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF096223.D
Acq: 27 Jun 2017 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	27.1	9.8	14.8#





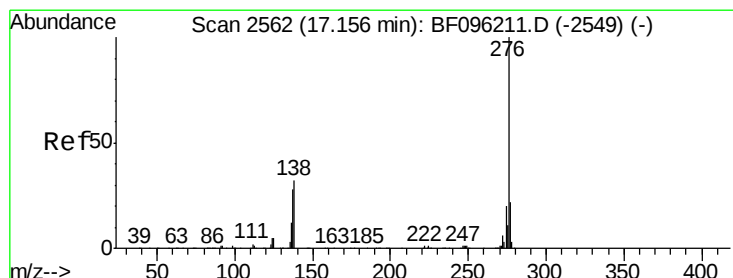
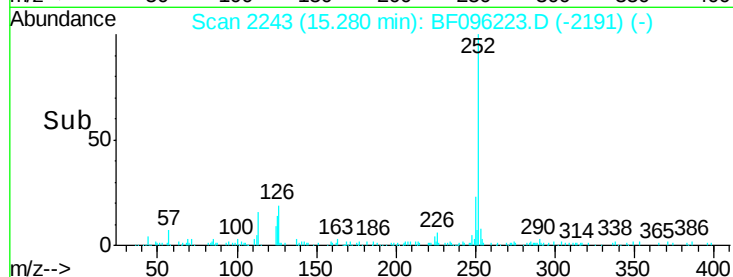
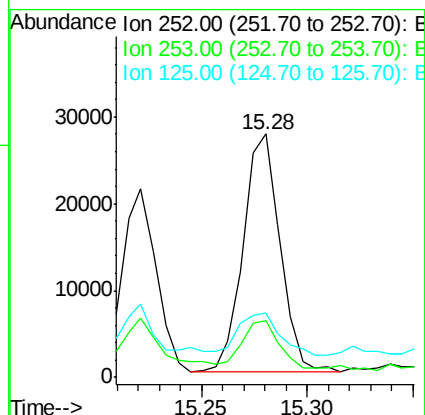
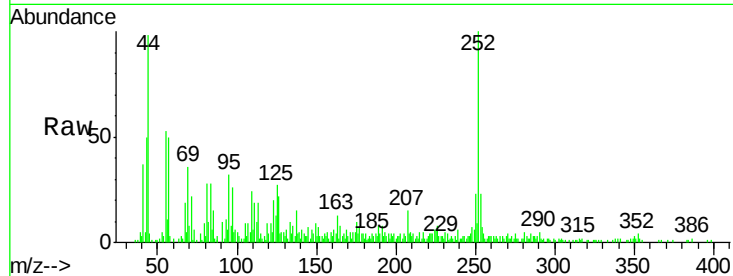
#89
Benzo(a)pyrene
Concen: 2.127 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096223.D
Acq: 27 Jun 2017 18:30

Instrument :
BNA_F
ClientSampleId :
CL-01-062217-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	17.5	26.3
125	26.6	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/30/2017 12:46:31 PM



#91
Benzo(g,h,i)perylene
Concen: 2.112 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF096223.D
Acq: 27 Jun 2017 18:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	21.2	18.6	28.0
138	39.0	25.4	38.0

